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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Jingyue Ju  
Serial No.: 10/591,520 Examiner: Jezia Riley  
Filed : June 4, 2007 Group Art Unit: 1637  
For : PHOTOCLEAVABLE FLUORESCENT NUCLEOTIDES FOR DNA  
SEQUENCING ON CHIP CONSTRUCTED BY SITE-SPECIFIC  
COUPLING CHEMISTRY

30 Rockefeller Plaza  
New York, New York 10112  
May 4, 2009

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT IN RESPONSE TO FEBRUARY 3, 2009 OFFICE ACTION AND  
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

This Amendment is submitted in response to the Office Action issued by the U.S. Patent and Trademark Office on February 3, 2009 in connection with the above-identified application. A response to the February 3, 2009 Office Action is due May 3, 2009. However, since May 3, 2009 falls on a Sunday, a response filed on the next succeeding day which is not a Saturday, Sunday or Federal Holiday, i.e. Monday, May 4, 2009, is considered timely under 37 C.F.R. §1.7. Accordingly, this Amendment is being timely filed.

Please amend the above-identified application as follows:

**Amendment to the claims** begin on page 2

**Remarks** begin on page 9

**Supplemental Information Disclosure Statement** begins on page 12.